

Work Order ID 76102

76102

Page 1

November-07-11 7:58:55 AM

Item ID: D205-523-013

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Heli Rappel, 500lb

Start Date: 07/11/2011 Start Qty: 4.00

4

Cust Item ID:

Required Date: 21/11/2011 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: M.L.S

Date: 11/11/09

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

DSI9301

Rev A

100

0.00

100

DOCUMENT CONTROL *sf-x*

DC

Memo

0.00

Document Control

Photocopy blue file & type labels as per PPP D205-523-013, CHG 002

11-11-30 (4)
for M.L.S 11-11-29
(4)

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

SP 11-11-30

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

11-11-30 (4)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 76102

76102

Page 2

November-07-11 7:58:55 AM

Item ID: D205-523-013

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Heli Rappel, 500lb

Stop ***NS2***

Start Date: 07/11/2011 Start Qty: 4.00

4

Cust Item ID:

Required Date: 21/11/2011 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Package as per PPP D205-523-013	Identify and							
	StockLocation: <u>ST 22</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

Sp 11-11-30

Rev

11/11/30

MF 11-11-30

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

November-07-11 7:58:58 AM

Page 1

Work Order ID: 76102

76102

Parent Item: D205-523-013

D205-523-013

Parent Item Name: Heli Rappel, 500lb

Start Date: 07/11/2011

Required Date: 21/11/2011

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP B02.04.04 Updated Drawing and Added Inspection Level 2ISM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D205-523-043

Manufactured

No

110

Each

0.0000

1

4

**

D205-523-043

Slide Bar Assembly

D2224

Manufactured

No

110

Each

15.0000

1

4

**

D2224

Rappel Anchor

Location

Loc Qty

Loc Code

ST489

15

50878

15

Manufactured

No

110

Each

40.0000

2

8

**

D2229

D2229

Doubler

Location

Loc Qty

Loc Code

ST009

40

50875

4

55316

36

Purchased

No

110

Each

70.0000

4

16

**

AN5-14A

AN5-14A

Bolt

Location

Loc Qty

Loc Code

ST338

70

115374

20

119127

50

10x

10x

B 76103 SP.

SP.

4x

SP.

8x

SP 11-11-30

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Page 2

November-07-11 7:58:58 AM

Work Order ID: 76102

76102

Parent Item: D205-523-013

D205-523-013

Parent Item Name: Heli Rappel, 500lb

Start Date: 07/11/2011

Required Date: 21/11/2011

Start Qty: 4.00

Required Qty: 4.00

MS21042L5
MS21042I 5
Nutm

Purchased

No

110

Each

2,390.000

4

16

**

SP.

Location

Loc Qty

Loc Code

ST300

890

116105

5

116548

43

117611

74

118179

496

118910

272

16x

ST518

1500

119109

1500

AN960JD516
AN960.ID516
Washer

NAS1149D0563J

Purchased

No

110

Each

0.0000

8

32

**

m118206
SP 11-11-30.

November-07-11 7:58:58 AM

Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE LTD.

ICA-D205-523

ICA Page 23 (24 blank) of 24

25.4 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D205-523-013	3.5 lb 1.59 kg	±34.5 in ±0.876 m	±120.75 in-lb ±1.39 m-kg	116.8 in 2.97 m	408.8 in-lb 4.72 m-kg

25.5 PARTS LIST

-013	-023	-043	Part No.	Description
X			D205-523-013	HELI-RAPPEL™ INSTALLATION
	X		D205-523-023	300 HOUR INSPECTION KIT
1		X	D205-523-043	SLIDE BAR ASSEMBLY
		1	D3011-1	RAPPEL SLIDE BAR
		2	33116	STUD FITTING
	2	2	MS21042L6	NUT (OR MS21042-6)
	2	2	AN960JD616	WASHER
	2	2	D3012-1	DECAL
	2	2	D3012-3	DECAL
	2	2	D3012-5	DECAL
1			D2224	RAPPEL ANCHOR
2			D2229	DOUBLER
4	4		AN5-14A	BOLT
8	8		AN960JD516	WASHER
4	4		MS21042L5	NUT (OR MS21042-5)

• COPYRIGHT © 2001 BY DART AEROSPACE LTD. •

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

25-00-00

Revision: 0

Page 7 (8 blank) of 8